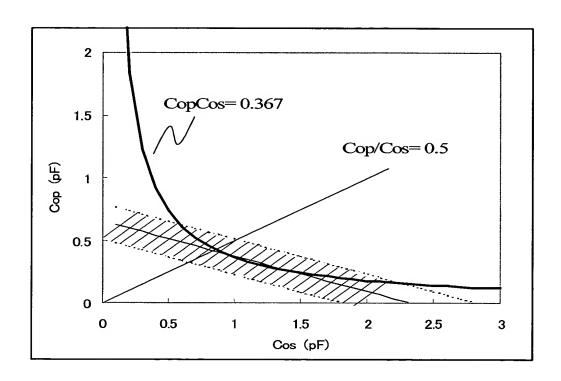
DEVICE

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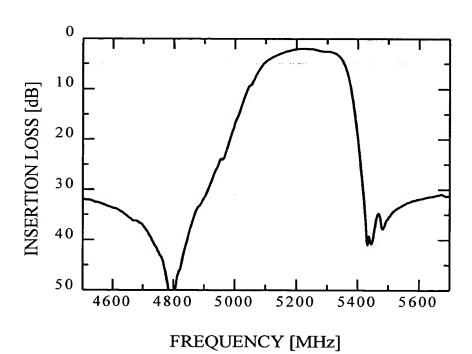
Fig. 1 Prior art



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Fig. 2 PRIOR ART



DEVICE

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Fig. 3 Prior art

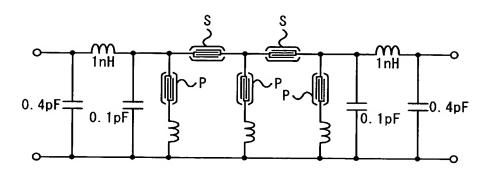
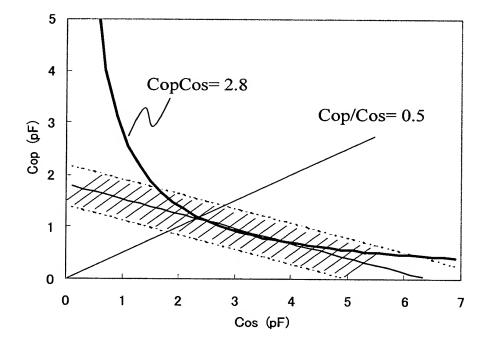


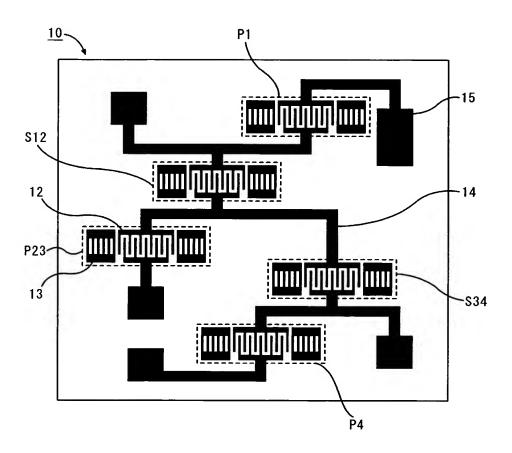
Fig. 4 PRIOR ART



DEVICE

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Fig. 5



DEVICE

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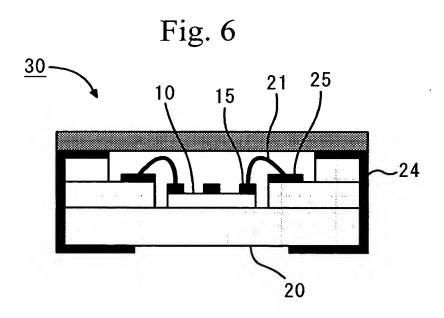
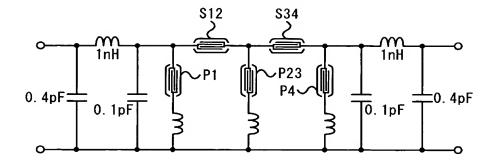


Fig. 7



Title: SURFACE ACOUSTIC WAVE FILTER AND FILTER DEVICE Inventor's Name: Tadashi NAKATANI et al Application No.: New Application Docket No.: 025720-00015 Fig. 8A₋₁₀ INSERTION LOSS [dB] -20 -30 -40 -50 S11 6000 4000 5000 CopCos=0.6(CopCos)₀ FREQUENCY [MHz] Fig. 8B₋₁₀ INSERTION LOSS [dB] -20 -30 -40 -50 4000 5000 6000 S11 CopCos=(CopCos)₀ FREQUENCY [MHz] Fig. 8C INSERTION LOSS [dB] -20 -30 -40 -50 L... 4000 6000 5000 **S11** CopCos=2(CopCos)₀ FREQUENCY [MHz] Fig. 8D° -10 SERLION FOR -20 -30 -40 -20 -30

6000

S11

CopCos=2.7(CopCos)₀

-40

-50

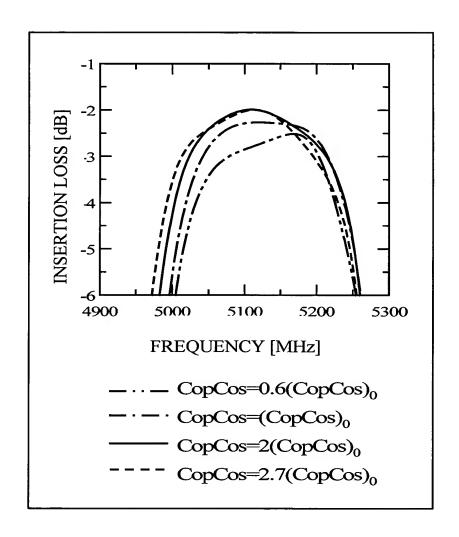
4000

5000 FREQUENCY [MHz]

DEVICE

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Fig. 9



DEVICE

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Fig. 10

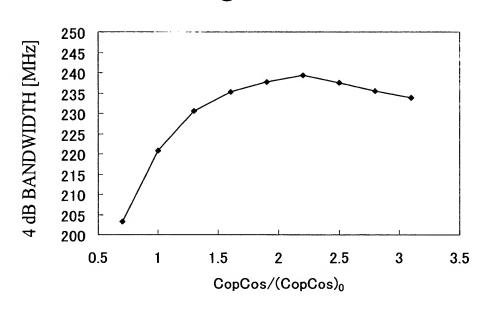
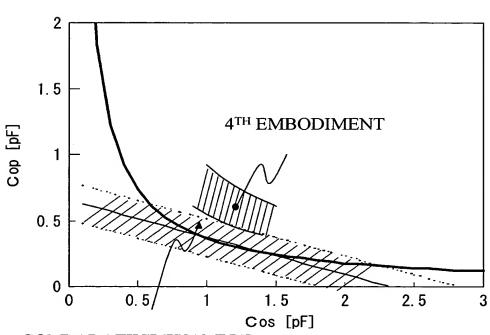


Fig. 11

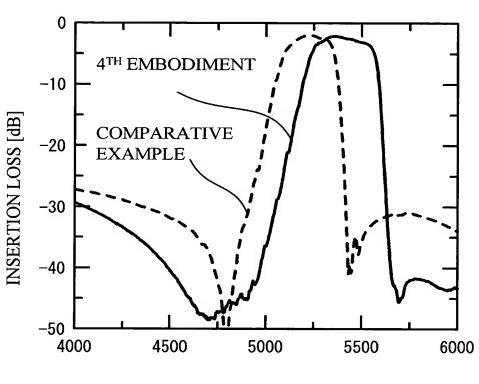


COMPARATIVE EXAMPLE

DEVICE

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Fig. 12

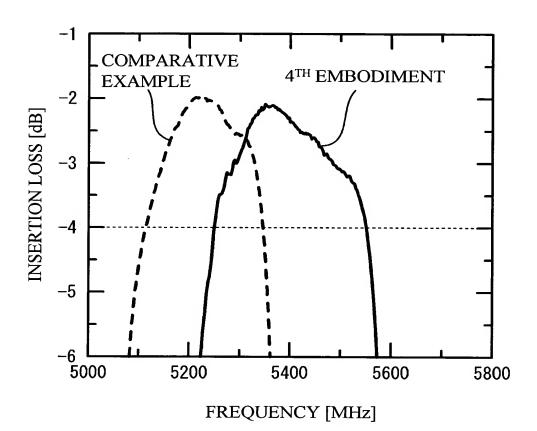


FREQUENCY [MHz]

DEVICE

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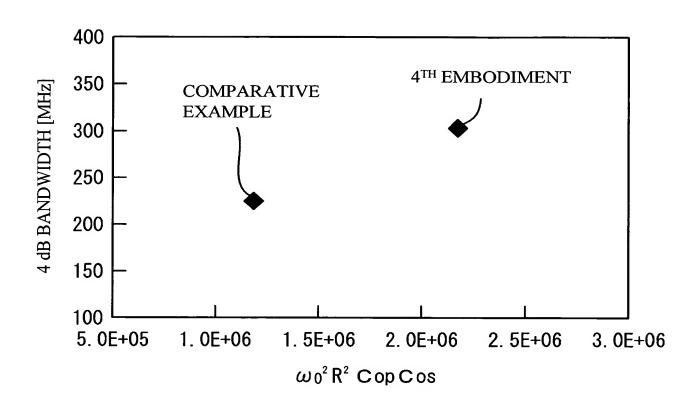
Fig. 13



DEVICE

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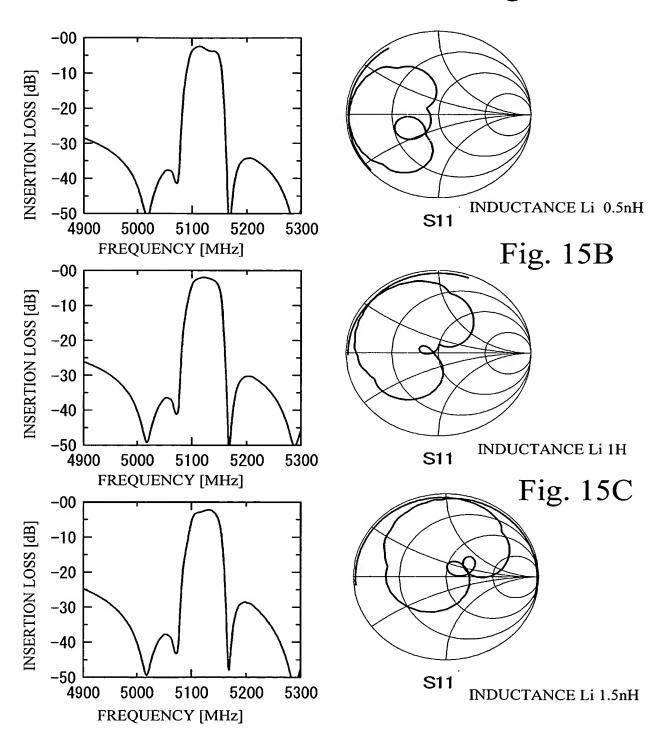
Fig. 14



DEVICE

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Fig. 15A



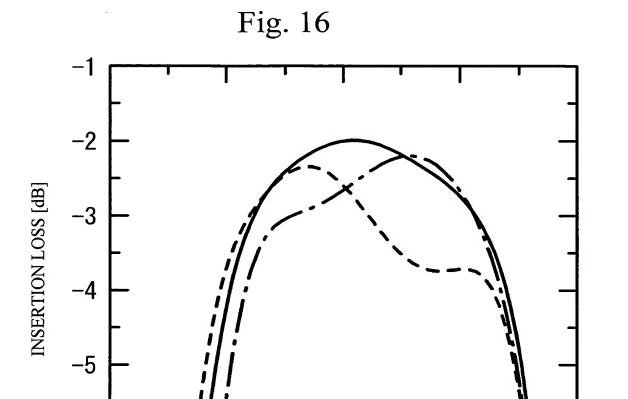
DEVICE

4900

5000

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(a) - - - - SIGNAL WIRE 0.5nH
(b) - SIGNAL WIRE 1nH
(c) - · SIGNAL WIRE 1.5nH

5100

FREQUENCY [MHz]

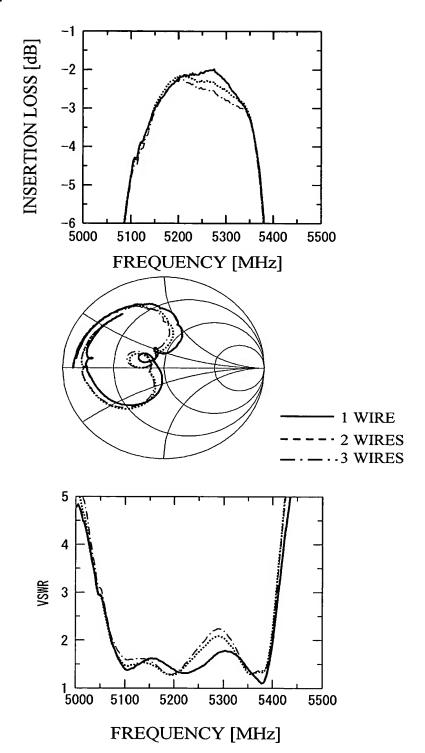
5200

5300

DEVICE

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Fig. 17

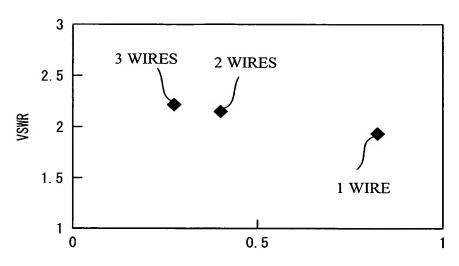


DEVICE

Inventor's Name: Tadashi NAKATANI et al

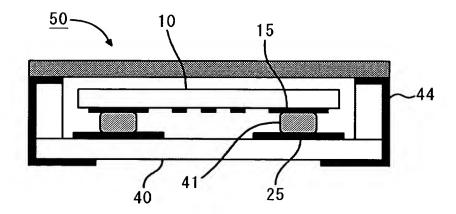
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Fig. 18



INDUCTANCE OF BONDING WIRES 21 [nH]

Fig. 19



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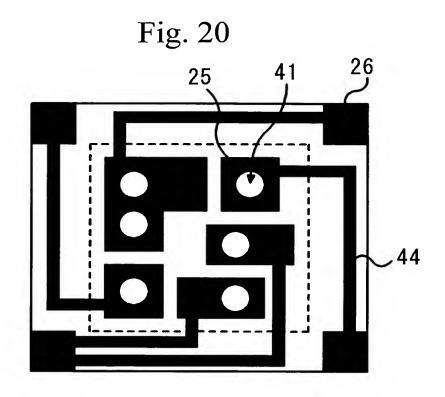


Fig. 21

